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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q85332

Shigeo SHIRAKURA

Appln. No.: 10/518,627

Group Art Unit: Unknown

Confirmation No.: 3522

Examiner: Unknown

Filed: December 20, 2004

For: METHOD FOR REGENERATING NO<sub>x</sub> REMOVAL CATALYST

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications if this application was filed after June 30, 2003; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/518,627

Attorney Docket No.: Q85332

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language Abstracts submitted herewith constitute concise statements of relevance for Japanese Patent Application Nos. 53-125964, 52-27091, 59-62350, 1-119343, 4-197451, 7-116523, 64-80444, 7-222924, 8-196920, 10-156192, 10-235209, 10-156193, 2000-107612 and 10-337482. Also enclosed please find English language Abstracts submitted herewith for Japanese Patent Gazette Nos. 3059136 and 2994769.

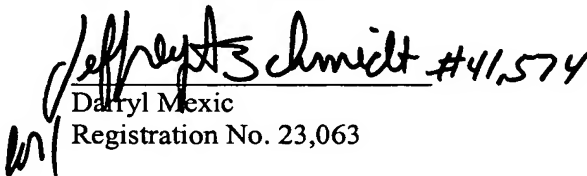
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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Date: August 8, 2005

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/518,627
Confirmation Number	3522
Filing Date	December 20, 2004
First Named Inventor	Shigeo SHIRAKURA
Art Unit	Unknown
Examiner Name	
Attorney Docket Number	Q85332

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,232,254	B1	05-15-2001	Gunter Schneider et al
		US 6,241,826	B1	06-05-2001	Eckhard Dittmer et al
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2994769	B2	10-22-1999	Mitsubishi Heavy Ind Ltd	Abstract
		JP	53-125964	A	11-02-1978	Nippon Steel Corp	Abstract
		JP	52-27091	A	03-01-1977	Kobe Steel Ltd	Abstract
		JP	59-062350	A	04-09-1984	Mitsubishi Heavy Ind Ltd; NGK Insulators Ltd	Abstract
		JP	1-119343	A	05-11-1989	Ishikawajima Harima Heavy Ind co Ltd	Abstract
		JP	4-197451	A	7-17-1992	The Japan Carlit Co Ltd; The Chugoku Electric Power Co Inc	Abstract
		JP	7-116523	A	05-09-1995	Ishikawajima Harima Heavy Ind Co Ltd	Abstract
		JP	64-080444	A	03-27-1989	Mitsubishi Heavy Ind Ltd	Abstract
		JP	7-222924	A	08-22-1995	Mitsubishi Heavy Ind Ltd	Abstract
		JP	8-196920	A	08-06-1996	Nippon Steel Corp	Abstract
		JP	10-156192	A	06-16-1998	Ishikawajima Harima Heavy Ind Co Ltd	Abstract
		JP	10-235209	A	09-08-1998	Mitsubishi Heavy Ind Ltd	Abstract
		JP	10-156193	A	06-16-1998	Ishikawajima Harima Heavy Ind Co Ltd	Abstract
		JP	2000-107612	A	04-18-2000	Catalysts & Chem Ind Co Ltd	Abstract
		JP	10-337482	A	12-22-1998	Ishikawajima Harima Heavy Ind Co Ltd	Abstract
		JP	3059136	B2	04-21-2000	Mitsubishi Heavy Ind Ltd	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.